



FACT SHEET #6:

Bulk Material Handling

Material handling refers to many types of earthmoving activities on construction sites, including loading and hauling. These types of activities can be significant sources of fugitive dust. However, dust control during loading and hauling can be easily achieved through careful planning and proper implementation of controls.

Loading:

- Mist material with water while stacking.
- Mix excavated material with water prior to loading.
- Empty loader slowly and keep bucket close to the truck while dumping.

Hauling:

- Tarps are required on haul trucks to prevent windblown dust.
- Do not overload the truck! Keep your load 3 to 6 in. below the freeboard to minimize spillage.
- Check belly-dump truck seals regularly and remove any trapped rocks to prevent spillage.

Trackout:

- Daily vacuuming or wet broom cleaning is required to control trackout.
- Install a gravel pad at the access point to your site.
- Use grizzlies to remove excess dirt from trucks.